

Please replace the paragraph at p. 6, lns. 1-15, with the following paragraph:

A2  
In accordance with embodiments of the present invention, a sender in a communication will conduct a response procedure in response to an event that triggers a data loss detection mechanism, where the response procedure comprises at least two different modes for adapting the adaptive parameters used in flow control. In this way the method and device of the present invention are highly flexible in their management of triggering events, and can especially be implemented in such a way that the response procedure may be chosen depending on various potential causes of the triggering event, such that the correct responsive measures to a given situation may be invoked, and thereby measures can be avoided that might actually aggravate situations that may occur after a data-loss-detection mechanism was triggered.

Please replace the paragraph at p. 6, ln. 23 - pg. 7, ln. 16, with the following paragraph:

According to embodiments of the present invention, a response procedure comprises at least two different modes for adapting the adaptive parameters used in flow control. As an example, which constitutes a preferred embodiment, there are two modes, which are respectively associated with different causes of a time-out or a predetermined number of duplicate acknowledgments (e.g. the above mentioned 3). More specifically, a first mode is associated with the <sup>1)</sup> loss of a data unit, and the second mode is associated with <sup>2)</sup> an excessive delay along the connection. Due to the use of two different modes, it is possible to adapt the parameters as is appropriate for the cause of the time-out or duplicate acknowledgments. Accordingly, the flow control procedure will contain one or more evaluation and judgment steps, in which the triggering event is qualified, e.g. a categorization is conducted as to what caused the event. Then, depending on the result of this characterization, an appropriate response procedure may be enabled. In the context of the above example, if it is determined that the time-out or duplicate acknowledgments are caused by the <sup>1)</sup> loss of a data unit, then the known response procedure to the loss of data units may be run, as it is e.g. known from conventional TCP, which assumes that any time-out or the receipt of several duplicate acknowledgments is caused by <sup>A)</sup> the loss of a data unit. In accordance with the present embodiment, there is however a second mode, and if it is determined that the time-out or duplicate acknowledgments are caused by <sup>B)</sup> an excessive delay along the connection, then an excessive delay response procedure is run, which will typically be different from the response procedure to the loss of a data unit.